

# California Energy Commission

**South Bay Replacement Project  
Application for Certification  
06-AFC-3**

**Bay Front Power Plant and Infrastructure  
Workshop**

**Bill Pfanner  
Project Manager  
Energy Facility Licensing**

**January 18, 2007**



# Purpose of Siting Process

“ ...ensure that a reliable supply of electrical energy is maintained at a level consistent with the need for such energy for protection of public health and safety, for the promotion of the general welfare, and for environmental quality protection.”

**Public Resources Code 25001**



# Energy Commission's Role

- **Energy Commission permitting authority**
  - Thermal power plants 50 megawatts or greater
  - Related facilities
    - electric transmission lines
    - water supply pipelines
    - natural gas pipelines
    - waste disposal facilities
    - access roads
- **Lead state agency for California Environmental Quality Act (CEQA)**



# Overview of Three-Step Licensing Process

## 1. Data Adequacy

- Minimum requirements to accept application

## 2. Discovery and Analyses

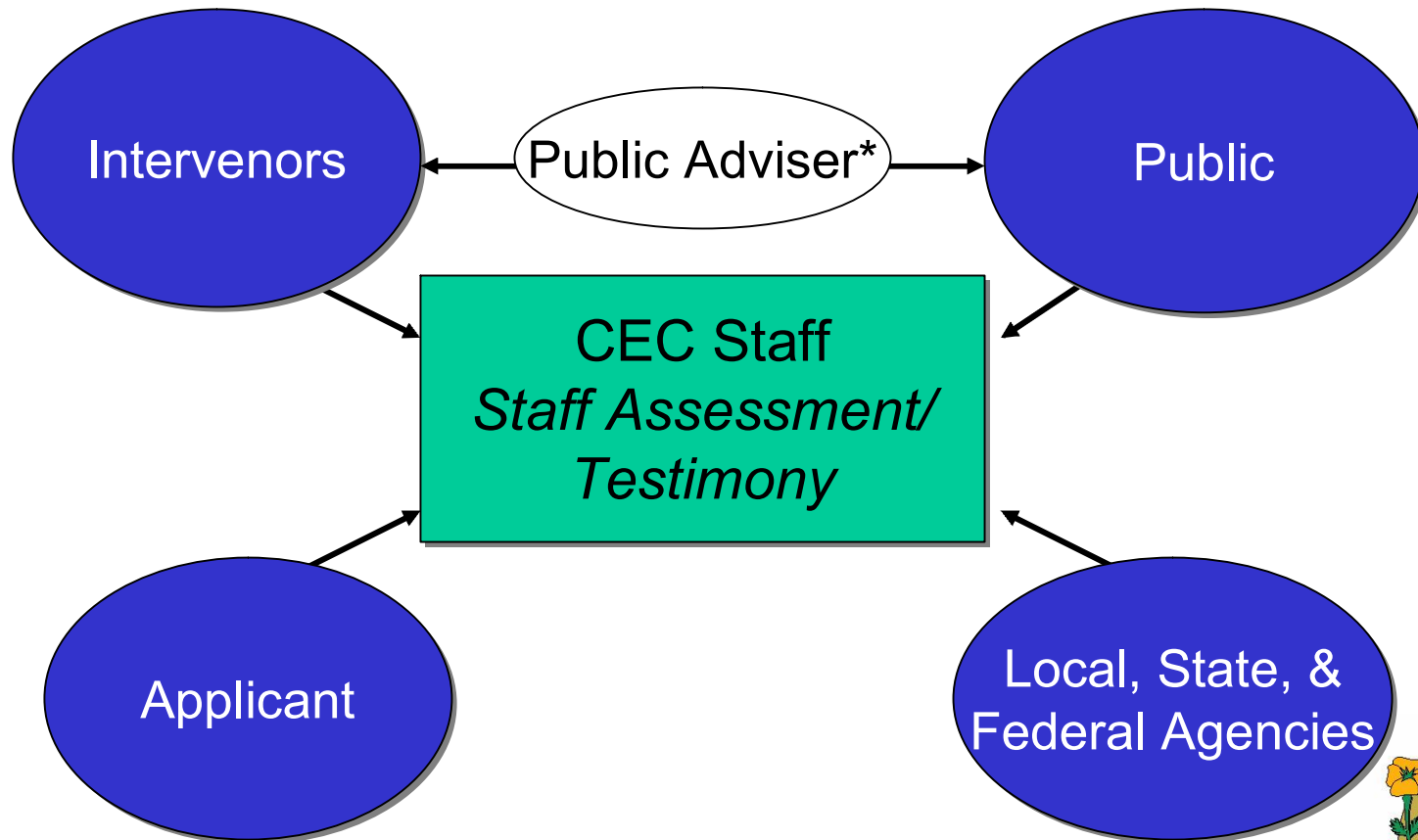
- Issues Identification
- Data requests
- Workshops
- Staff Assessments (Preliminary and Final)

## 3. Evidentiary Hearing and Decision

- Committee holds evidentiary hearings
- Committee produces PMPD
- Goes before full Commission for decision



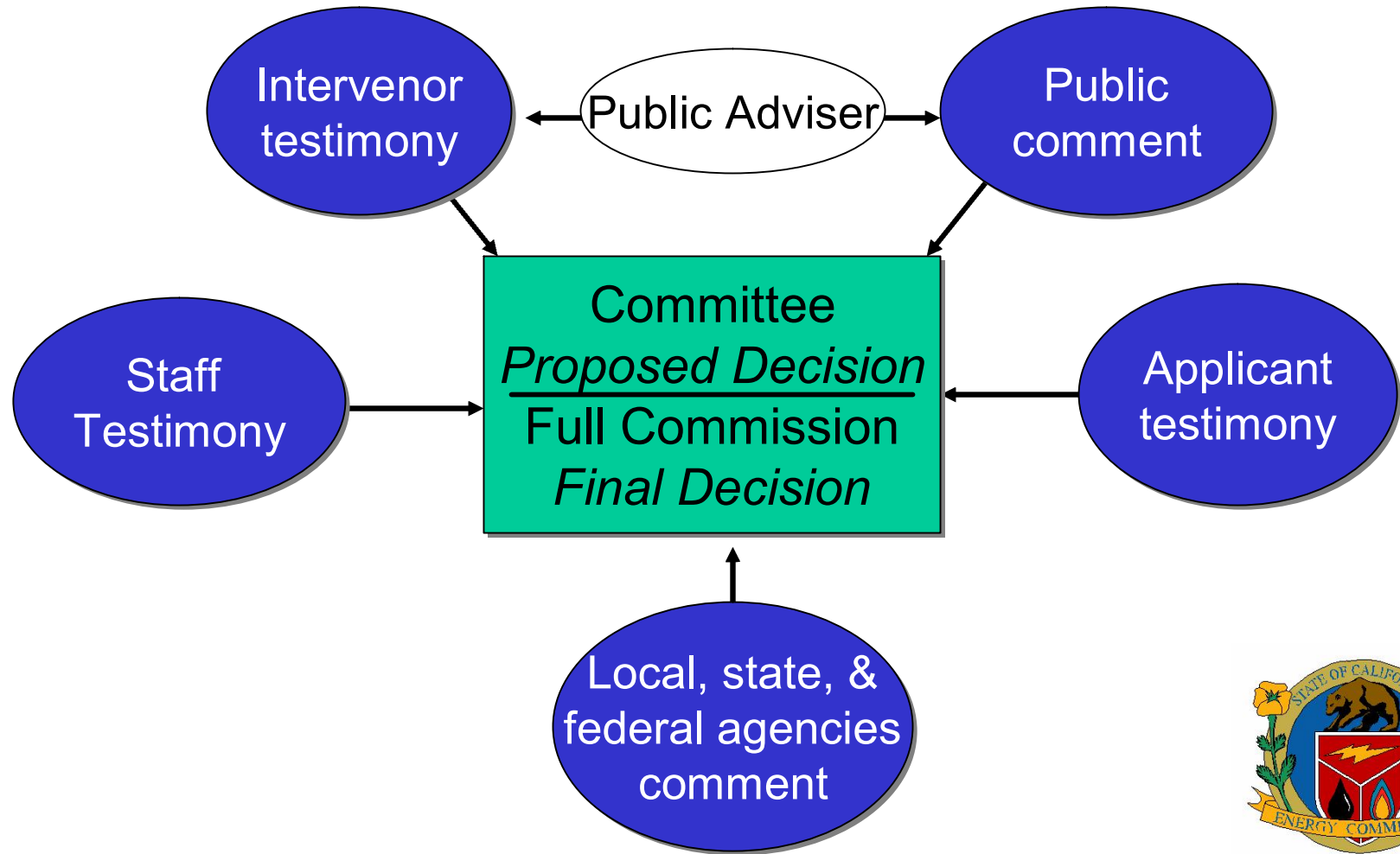
# Staff Discovery and Analyses Process



\* The Public Adviser provides assistance on how to participate in the CEC's public process.



# Evidentiary Hearing & Decision Process



# Staff's Analysis of the AFC

- Determine if proposal complies with Laws, Ordinances, Regulations, Standards (LORS)
- Conduct engineering and environmental analysis
  - identify issues
  - evaluate alternatives
  - identify mitigation measures
  - recommend conditions of certification
- Facilitate public and agency participation
- Staff products: Preliminary and Final Staff Assessments
- Make recommendations to the Committee



# Alternatives Analysis

- Staff examines alternatives that may avoid or mitigate potentially significant, adverse impacts
- Need a reasonable range of alternative sites, technologies, and project size options that are capable of meeting most of the basic project objectives
- Staff also examines the no project alternative





# Preliminary Staff Assessment (PSA) Table of Content

## PSA/FSA TABLE OF CONTENTS

### EXECUTIVE SUMMARY

- (include EJ summary)
- INTRODUCTION
- (include EJ background, outreach, and discussion)

### PROJECT DESCRIPTION

- (include AFC-identified public benefits)

### ENVIRONMENTAL ASSESSMENT

- Air Quality
- Biology Resources
- Cultural Resources
- Hazardous Materials Management
- Land Use
- Noise And Vibration
- Public Health
- Socioeconomic Resources
- Soil and Water Resources
- Traffic and Transportation
- Transmission Line Safety and Nuisance
- Visual Resources
- Waste Management
- Worker Safety and Fire Protection
- ENGINEERING ASSESSMENT
- Facility Design
- Geology And Paleontology
- Power Plant Efficiency
- Power Plant Reliability
- Transmission System Engineering

### ALTERNATIVES

### GENERAL CONDITIONS

### INDEX OF AGENCY AND PUBLIC COMMENTS (FSA ONLY)

### PREPARATION TEAM

### WITNESS QUALIFICATIONS AND DECLARATIONS



# Local, State and Federal Coordination

- Staff works closely with local, state and federal agencies, for example:
  - **Local/Regional**
    - Port of San Diego
    - City of Chula Vista
    - San Diego Air Pollution Control District
    - San Diego Regional Water Quality Control Board
  - **State**
    - CA Air Resources Board
    - Department of Toxic Substances Control
    - California Coastal Commission
  - **Federal**
    - US Environmental Protection Agency
    - US Fish & Wildlife Service



# What Happens after the FSA

- **Committee issues Presiding Member's Proposed Decision (PMPD)**
  - Contains findings relating to
    - environmental impacts, public health, engineering
    - project's compliance with LORS
  - Recommends conditions of certification
  - Recommends whether or not to approve the project
- **Full Commission makes decision**
- **CEC monitors compliance with all conditions of certification, for the life of the project**
  - includes facility closure



# A Bit About the Public Process

## ■ Open Public Process

- Workshops and Hearings noticed at least 10 days in advance
- Mailing lists

## ■ Documents are available for public review at:

- Public Libraries in Chula Vista (also Sacramento, Los Angeles, San Francisco, San Diego, Fresno, and Eureka)
- Energy Commission Library in Sacramento
- Energy Commission Web site:  
[www.energy.ca.gov/sitingcases/southbay](http://www.energy.ca.gov/sitingcases/southbay)
- Energy Commission Docket  
1516 9th Street, MS - 4  
Sacramento, CA 95814-5512



# Ways You May Participate

- Submit written comments or statements to the Commission
- Provide oral comments at public meetings
- Become a formal intervenor (Contact Public Adviser, Margret Kim)
- Provide written comments on the PSA/FSA
- Provide written comments on the Proposed Decision



# South Bay Project Schedule

Date	Milestone / Event
August 30, 2006	AFC is deemed Data Adequate at business meeting
Sept. 12, 2006	Staff issues Issue Identification Report w/tentative schedule
Sept. 15, 2006	Committee Informational Hearing and Site Visit
Oct. 31, 2006	Staff issues first set of data requests
Nov. 29, 2006	Applicant provides responses to data requests
Dec. 11, 2006	Staff holds Data Response Workshop
January 18, 2007	Staff participates in Bay Front Power Plant Infrastructure Workshop
February 2007	Local, state, and federal agency draft determinations (e.g., San Diego Air Pollution Control District files Preliminary Determination of Compliance)
February 2007	Continued Data Response Workshop – Air Quality, Public Health, Cultural Resources Staff issues second set of data requests
March 2007	Applicant provides responses to second data requests
April/May 2007	Staff files Preliminary Staff Assessment (PSA)
May/June 2007	Staff holds PSA workshops
June/July 2007	Local, state, and federal agency final determinations (e.g., San Diego Air Pollution Control District files Final Determination of Compliance)
July/August 2007	Staff files Final Staff Assessment (FSA)
TBA	Committee Prehearing Conference/Hearings/Proposed Decision



# Staff's Proposed Schedule

- **Meeting this schedule will depend on:**
  - Applicant's timely response to staff's data requests
  - Timing of the Air District's filing of the Preliminary and Final Determinations of Compliance
  - Determinations of other local, state, and federal agencies
  - Other factors not yet known



# Contacts

## ■ California Energy Commission (CEC)

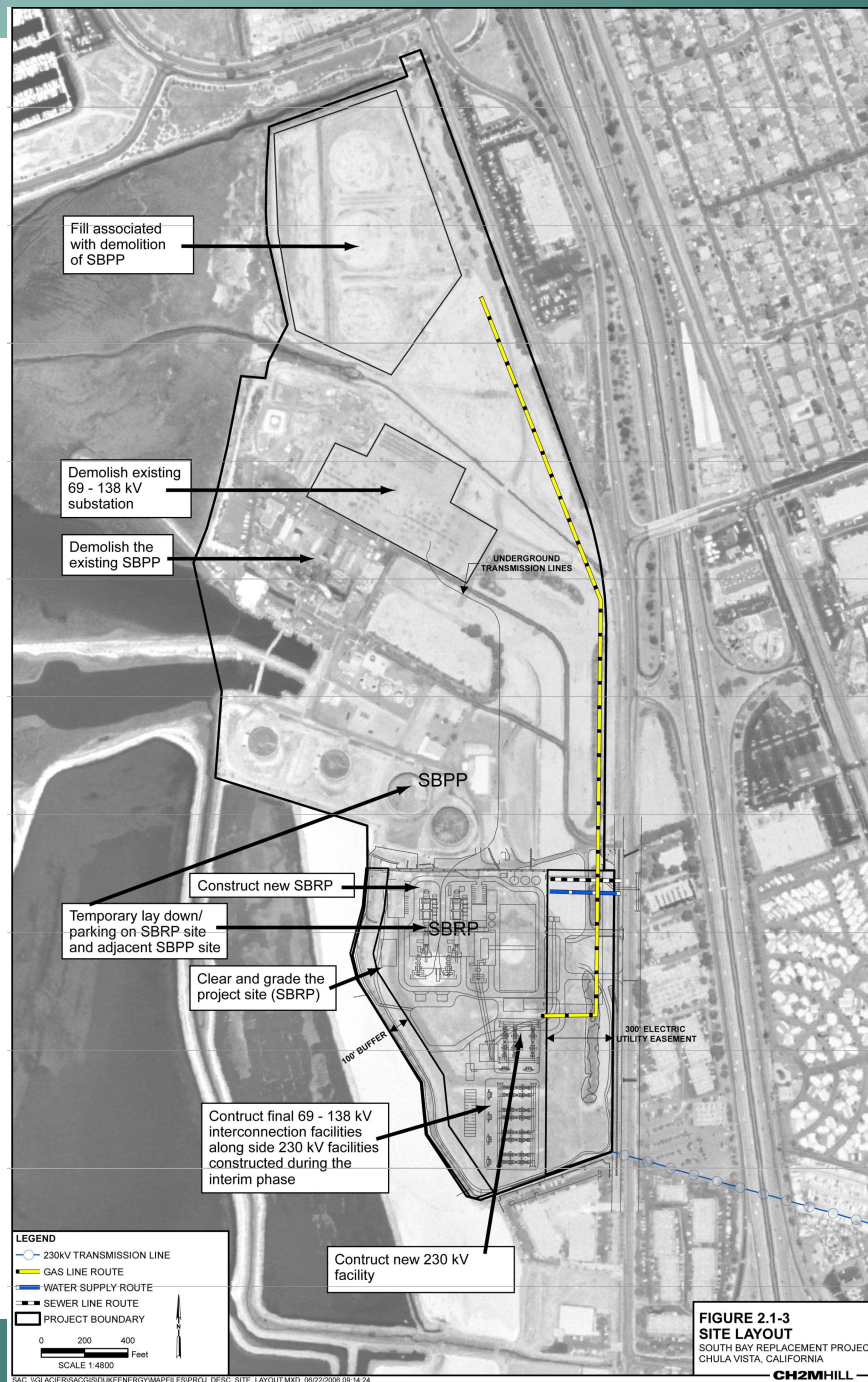
- **Bill Pfanner, Project Manager**
  - (916) 654-4206, e-mail: [bpfanner@energy.state.ca.us](mailto:bpfanner@energy.state.ca.us)
  - Web page: [www.energy.ca.gov/sitingcases/southbay/index.html](http://www.energy.ca.gov/sitingcases/southbay/index.html)
- **Garret Shean, Commission's Hearing Officer**
  - (916) 654-3893, e-mail: [gshean@energy.state.ca.us](mailto:gshean@energy.state.ca.us)
- **Margret Kim, Public Adviser**
  - (916) 654-4489 or (800) 822-6228
  - e-mail: [pao@energy.state.ca.us](mailto:pao@energy.state.ca.us)

## ■ LSP South Bay, LLC

- **David Hicks, Manager of Public Affairs**
  - (619) 498-5389 e-mail: [DHicks@LSPower.com](mailto:DHicks@LSPower.com)
- **Kevin Johnson, LS Power**
  - (408) 572-1290 e-mail: [KJohnson@LSPower.com](mailto:KJohnson@LSPower.com)







## SOUTH BAY REPLACEMENT PROJECT (06-AFC-3)

CONSTRUCTION PHASE									
Activity	Included in the AFC?	Who carries out activities?	Who operates/or maintains?	Who is responsible for CEQA?	Property Lessee	Property Lessor	Acres Impacted	Phase	Permitting Jurisdiction
Clear and grade the project site (SBRP)	Yes	LSP South Bay LLC, (Applicant)	LSP South Bay (Applicant)	Energy Commission	LSP South Bay (Applicant)	San Diego Port District	12.9	Construction	Energy Commission
Temporary lay down/parking on SBRP site and SBPP site	Yes	Applicant	Applicant	Energy Commission	Applicant	Port	7 acres SBRP 13 acres SBPP site	Construction	Energy Commission
Construct new SBRP	Yes	Applicant	Applicant	Energy Commission	Applicant	Port	12.9 acres	Construction	Energy Commission
Construct new 230 kV facility	Yes	SDG&E	SDG&E	Energy Commission	SDG&E	Port	0.6 acres	Construction	Energy Commission
DEMOLITION PHASE									
Demolish the existing SBPP	Yes	Applicant	NA	Energy Commission	Applicant	Port	109 acres	Demolition	Port/CPUC
Fill from demolition	No	Applicant	Applicant	Energy Commission	Applicant	Port	9 acres	Demolition	Port
FINAL INTERCONNECTION PHASE									
Construct final 69-138 kV interconnection	Yes	SDG&E	SDG&E	Energy Commission	SDG&E	Port	6.5 acres	Final Interconnection	Energy Commission
Demolish old 69-138 kV substation	No	SDG&E	SDG&E	Energy Commission	SDG&E	Port	6 acres	Future Project	Port
Construct new 69-138 kV substation	Yes	SDG&E	SDG&E	Energy Commission	SDG&E	Port	6.5 acres	Post SBRP construction	Energy Commission